

FIG. 1 PRIOR ART

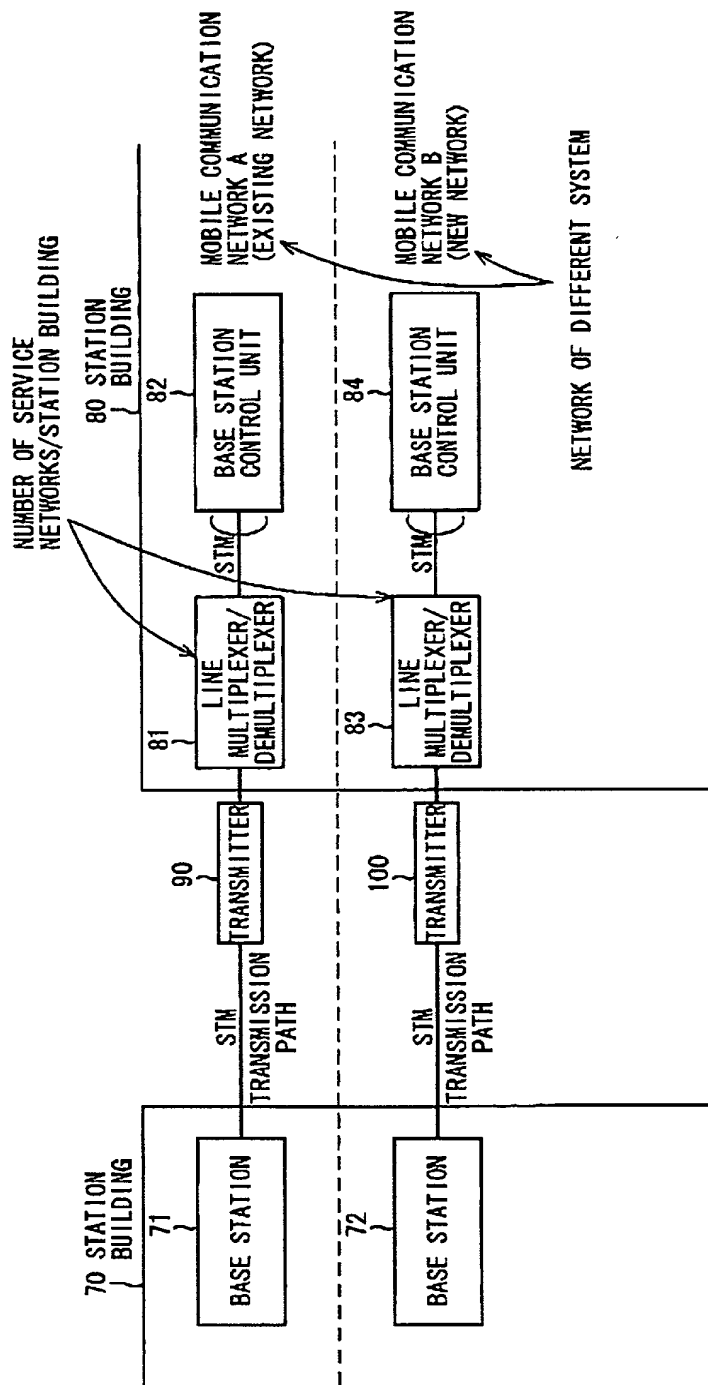
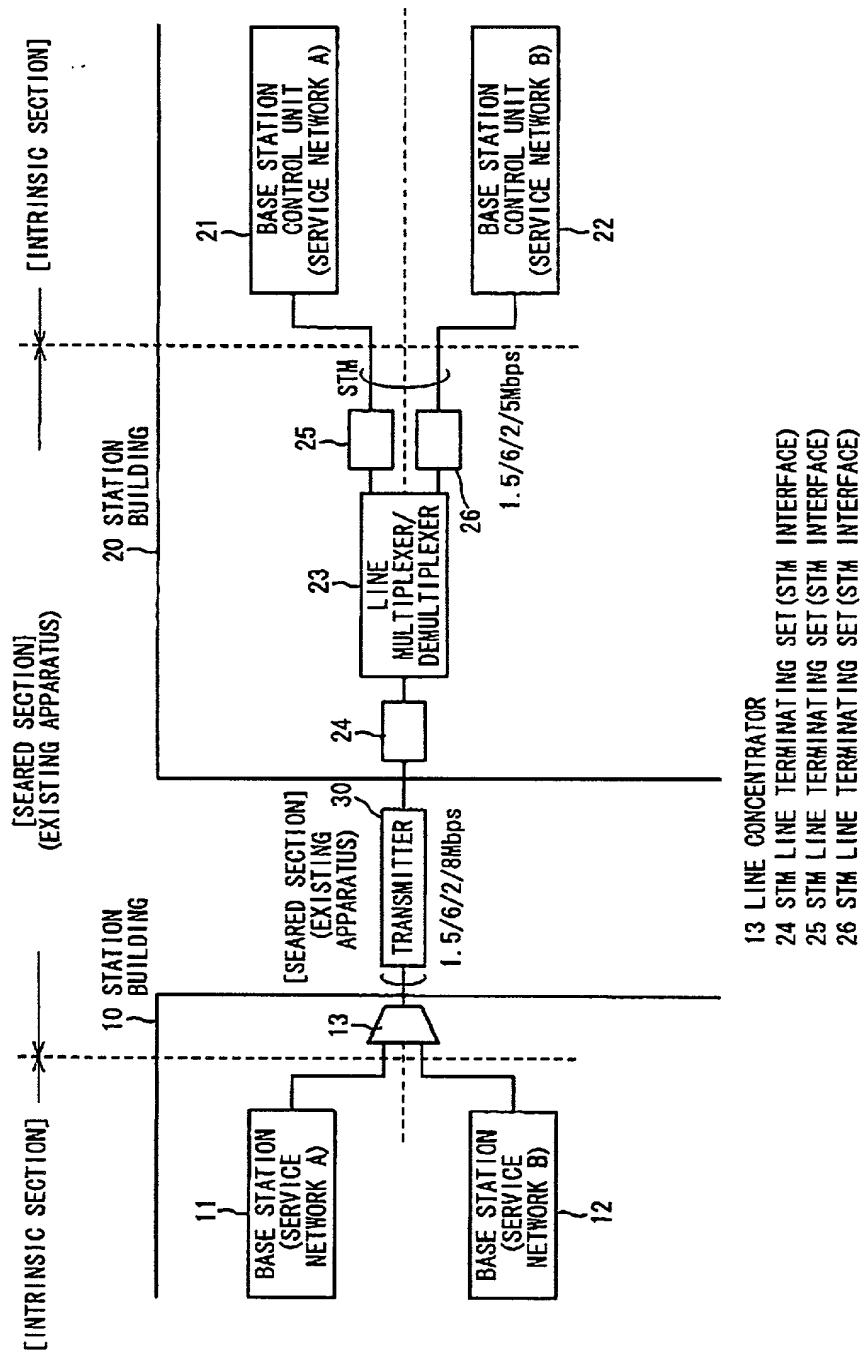


FIG. 2



13 LINE CONCENTRATOR
 24 TRANSMITTER (EXISTING APPARATUS)
 25 RECEIVER (EXISTING APPARATUS)
 26 LINE MULTIPLEXER/DENULTIPLEXER

FIG. 3

